

Meyco MP 367 Foam

Rapid cavity filling expandable foam

Meyco® MP 367 Foam is a highly reactive, solvent-free, urea-silicate foam that is specifically designed for rapid cavity filling and rock consolidation in mines and tunnels

- Injected into voids and cavities where it expands up to 30 times its original volume and sets hard in minutes
- High bonding strength and very good mechanical properties
- Water insensitive - it will not expand in or absorb water
- Good adhesion to wet substrates
- Fire resistant - low heat generation when in contact with fire
- No hazardous gases during application
- Good chemical stability
- Mixed at a ratio of 1:1

APPLICATIONS

- Cavity filling in coal and strata
- Consolidation of fractured rock, sands, gravel and coal in mines and tunnels
 - Stabilization of cavities in tunnels
 - Mine and ventilation seals in coal mines
- Pre-injection TBM tunnel



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BeNeFITS

- Very fast reacting material applied where foaming speed, flexibility and flame retardant properties are required
- High compressive strength
- Temperature and aging resistant
- Resists combustion and is self-extinguishing
- High shear strength
- 12 month shelf life

PerFOrMANCe ChArACTerISTICS:

TeCHNICAL DATA

| | Color | Viscosity cP | Density lb/ft ³ |
|---|------------|--------------|----------------------------|
| Component A | Colorless | 70 | 0.087 |
| Component B | Pale Brown | 170 | 0.078 |
| Viscosity tested at 73 °F Density tested at 68 °F | | | |
| Flash point: A - non applicable B > 390 °F | | | |
| Mix. ratio A:B: 1:1 by volume (100:89 by weight) | | | |

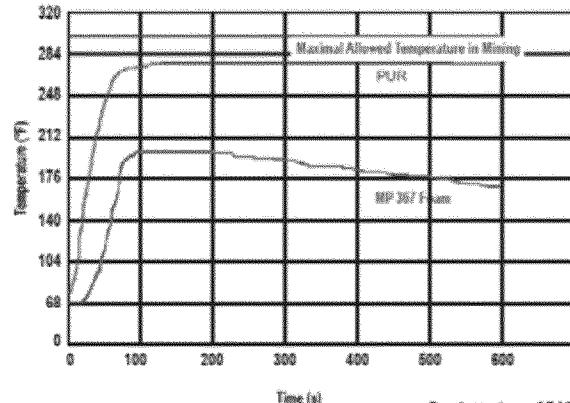
CLeANING

- For short breaks in injection, purge Component A through the in-line static mixer nozzle. After injection and prior to storage of the equipment, pump water through the injection line of component A and clean engine oil through the pump and injection line of component B. For cleaning, a flushing agent for polyurethane resin should be used.

TeCHNICAL DATA:

| | |
|-----------------------|-----------------------|
| Testing temperature | 73 °F (23 °C) |
| Start of Foaming | 20 ± 10 s |
| end of Foaming | 40 s ± 15 s |
| Foam expansion factor | up to 30 |
| Foam Density minimum | 76 lb/ft ³ |

Temperature development during Foaming Reaction:



Graph courtesy of BASF